

## A B S T R A C T

## INTRAOCULAR IMPLANT

5           The invention relates to an intraocular implant comprising an optical portion presenting an anterior optical surface (24) and a posterior optical surface (26), and at least one haptic element (12, 14), each haptic element presenting a connection zone at the  
10 periphery of the optical portion. Outside the connection zones, the optical portion further comprises a cylindrical side face of diameter D1 connected to the posterior optical surface of the optical portion. The posterior optical surface (26) is bounded by a circle of  
15 diameter D1. In each connection zone, the implant comprises a radial extension (30) presenting an anterior face (30a), a posterior face (30b), and a side face (30c) substantially disposed on a ruled surface of diameter D2 where  $D2 > D1$ , and presenting a length  $h'$  in the  
20 direction of the axis, said length  $h'$  being substantially equal to  $h$ . The posterior face (30b) of each extension is disposed on the spherical cap containing the posterior optical surface. Each haptic element (12, 14) is connected to the optical portion (10) via the anterior  
25 face (30a) of the corresponding extension, on the outside of the anterior optical surface (24).

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